

Global field services for expansion joints

Audits, Inspections, Turnkey Installations and Emergency Support



Turnkey services for expansion joints

Outstanding service is a top priority at EagleBurgmann Expansion Joint Solutions. We know the importance of operational reliability. Unplanned shutdowns are not only costly and an inconvenience; they can also be harmful to your personnel and damaging to the environment. The right installation can save your company hundreds of man hours by getting the job done correctly, on time, safely.

Turnkey installation and repair services includes:

- Evaluations & troubleshooting
- Initial dimensional measurements
- Installation & refurbishment
- Supervision & training
- Plant surveys, mapping and identification
- Emergency services
- Final inspection by experienced service engineers



Emergency Services

Fabric & Rubber Expansion Joints

+1 (859) 586 3824

+1 (859) 586 3820

Metal Expansion Joints

+1 (619) 562 6083

Dial Option #2

Specialty services for fabric expansion joints

- 501F/G turbine exhaust upgrade
- GE 7F Flex-Seal upgrade
- GE7EA exhaust repair
- A-style gas turbine expansion joint replacement kit
- Turnkey boiler penetration replacements

Specialty services for metal expansion joints

- Turnkey clamshell bellows and expansion joint replacement for FCCU, Boiler Penetration, Heaters & Heat Exchangers, SCR's, etc.)
- Online replacements with pressure release (in some cases for leaking units)
- Online replacements that require supplied air and hot suit capabilities



Commitment to safety



EagleBurgmann safety training

- Ensures that all employees understand and accept EagleBurgmann's core safety values
- Established procedures that support current industry safety practices
- Emphasizes mindful conduct when working onsite
- Integrates diverse safety requirements from customers and site contractors
- Complies with regulatory agencies
- Union and non-union workers

EagleBurgmann EJS is a member of several safety management and training companies including Houston Area Safety Council, ISNetWorld, PEC Premier and Pacific Industrial Contracting Service (PICS).

Safety first!

As part of the international organizations, EagleBurgmann and the Freudenberg Group, our commitment to creating a strong safety culture and environmental protection is firmly anchored in the group's guiding principles.

Our onsite specialist, including engineers, fitters, welders, inspectors and supervisors, participate in annual safety training by a certified training facility as well as site specific safety courses throughout the year. In-house safety training is provided regularly throughout the year.

**At EagleBurgmann Safety is
Always a Priority.**



Fabric installations



Turnkey replacement for M501F

With peaker plants more prevalent today, units are experiencing many more thermal cycles per year with higher operating temperatures. End users are demanding improved warranties with longer intervals between maintenance outages. One way to improve operational reliability and increased service life is to invest in expansion joints that are designed with breakthrough materials that extend the life of your 501F and 501G turbine exhaust unit.



HRSG penetration boiler seal replacements

Supply and installation of (232) fabric penetration seals at a US power plant during shutdown. The penetration seals were made of Flex-Gen®2004. Reinforced laminates consisting of coated glass fabric laminated with PTFE.



Metal installations



Online clamshell replacement on a flue gas line at a large Texas refinery at 150 feet elevation

The flue gas line was a 90 inch diameter refractory lined duct with a skin temperature of approximately 121C/250F. The leaking joint was installed at a 45 degree angle at an elevation of around DN4572 / 150 feet above ground level and leaking catalyst and hot flue gas at 648C/1200F. EJS engineers and service teams provided a solution to keep the refinery online while repairs were completed.



140 inch diameter replacement for an over-pressurized expansion joint on a vertical heat exchanger

On an early Saturday morning, our field service manager received a call from a Gulf Coast refinery who discovered in the late stage of their outage that a 140 inch diameter vertical heat exchanger expansion joint had been over pressurized and needed to be replaced. EJS immediately mobilized the engineering and service team to provide and execute a solution.



Quality assurance

Total commitment to quality

EagleBurgmann is committed to providing high quality products designed and manufactured to current industry standards. Our long-term success is not only attributed to our technical innovations, efficiency and productivity, it is also a reflection of highly trained and motivated employees and their commitment to our products and services that represent the EagleBurgmann name.

EagleBurgmann Expansion Joint Solutions holds several quality approvals and certifications recognized worldwide.

Approvals & certifications

- ASME Section VIII Division 1, U2 R & U stamps
- ISO 9001:2000 by Bureau Veritas
- ISO: 9001: 2008 by HSB
- ISO:14001:2004 Environmental, health & safety certification
- OHSAS 18001:2007
- ISO 3834-2:2006
- PED 97/23/CE (Buras Veritas & HSB)
- Member of EJMA
- UOP recommended



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EagleBurgmann Expansion Joint Solutions is a leading global organization in the development of expansion joint technology; working to meet the challenges of today's ever-changing environmental, quality and productivity demands. Our flexible products are installed in thousands of plants, refineries and on equipment worldwide where reliability and safety are key factors for operating success. As part of the international organization EagleBurgmann Group, more than 5,000 employees contribute their ideas, solutions and commitment to ensure our customers worldwide can rely on our products and services.

For more information – visit eagleburgmann-ej.com and eagleburgmann.com.

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